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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 021202-004310US

First Inventor Frederick C. Furtek

Title External Memory

Express Mail Label No. EU122003182US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages 5474] (preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 5]
- Oath or Declaration [Total Sheets]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:
Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: Express Mail Certification

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No.:

Prior application information:

Examiner _____

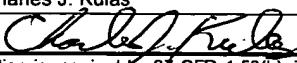
Art Unit: _____

For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number:	37490	OR	<input type="checkbox"/> Correspondence address below
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Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type)	Charles J. Kulas	Registration No. (Attorney/Agent)	35,809
Signature			
Date	November 20, 2003		

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

 112003
 10/7/1992
 U.S. PTO

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 579.00)

Complete if Known

Application Number	Unknown
Filing Date	November 20, 2003
First Named Inventor	Frederick Curtis Furtek et al.
Examiner Name	Unknown
Group / Art Unit	Unknown

Attorney Docket No. 021202-004310US

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number	
------------------------	--

Deposit Account Name	
----------------------	--

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
 Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:

- Check Credit card Money Order Other

FEE CALCULATION (continued)

Fee Code	Large Entity		Small Entity		Fee Description	Fee Paid
	Fee (\$)	Fee Code	Fee (\$)	Fee Code		
105	130	205	65		Surcharge - late filing fee or oath	
127	50	227	25		Surcharge - late provisional filing fee or cover sheet	
139	130	139	130		Non-English specification	
147	2,520	147	2,520		For filing a request for reexamination	
112	920*	112	920*		Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*		Requesting publication of SIR after Examiner action	
115	110	215	55		Extension for reply within first month	
116	400	216	200		Extension for reply within second month	
117	920	217	460		Extension for reply within third month	
118	1,440	218	720		Extension for reply within fourth month	
128	1,960	228	980		Extension for reply within fifth month	
119	320	219	160		Notice of Appeal	
120	320	220	160		Filing a brief in support of an appeal	
121	280	221	140		Request for oral hearing	
138	1,510	138	1,510		Petition to institute a public use proceeding	
140	110	240	55		Petition to revive – unavoidable	
141	1,280	241	640		Petition to revive – unintentional	
142	1,280	242	640		Utility issue fee (or reissue)	
143	460	243	230		Design issue fee	
144	620	244	310		Plant issue fee	
122	130	122	130		Petitions to the Commissioner	
123	50	123	50		Petitions related to provisional applications	
126	180	126	180		Submission of Information Disclosure Stmt	
581	40	581	40		Recording each patent assignment per property (times number of properties)	
146	740	246	370		Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370		For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370		Request for Continued Examination (RCE)	
169	900	169	900		Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY			Complete (if applicable)		
Name (Print/Type)	Charles J. Kulas	Registration No. Attorney/Agent)	35,809	Telephone	650-842-0300
Signature	<i>Charles J. Kulas</i>			Date	November 20, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application Of:	
Frederick Curtis Furtek, et al.	Examiner: Kenneth B. Rinehart
Serial No: Unknown	Art Unit:
Filed: November 20, 2003	Atty. Docket No.: 021202-4310US
Title: External Memory Controller Node	

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

LETTER TO THE OFFICIAL DRAFTSPERSON
Submission of Formal Drawings

Sir:

Enclosed are seven (5) sheets of formal drawings. This includes figures 1, 2, 3, 4, and 5.

Dated: November 20, 2003

Respectfully submitted,

By: 
 Charles J. Kulas
 Reg. No. 35,809

CERTIFICATE OF MAILING			
I hereby certify that this correspondence, including the enclosures identified herein, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.			
Signature:			
Typed or Printed Name:	Charles J. Kulas	Dated:	November 20, 2003
Express Mail Mailing Number (<i>optional</i>):		EU122003182US	

In Re Application of: Frederick Curtis Furtek, et al.	Docket No.: 021202-004310US
Application No.: Unknown	Re: Filing Patent Application
Filing Date: November 20, 2003	
Title: External Memory Controller Node	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE

Utility Transmittal Letter;
Fee Transmittal Sheet;
Unsigned Declaration
Specification, Claims, Abstract and Drawings

I hereby certify that this paper and the enclosures listed above are being deposited with the U.S. Postal Service "Express Mail to Addressee" Express Mail No.: EU122003182USUS on November 20, 2003, and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: November 20, 2003

Respectfully submitted,

QuickSilver Technology, Inc.

EU 122003182 US

By: 
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